AB Thirteen pyridine carboxylic acid derivs. (I) were prepd. and tested for antiinflammatory, antipyretic, and analgesic effects in rats and mice. All compds. tested inhibited kaolin- or formalin-induced swelling, and no relation existed between the position of the carboxyl group in the Ph residue and antiinflammatory effectiveness. Substitution of NH at X with O decreased antiinflammatory activity. Isonicotinic acid derivs. contg. a carbomethoxy group had the greatest antipyretic and analgesic activities. LD50 values were given for all compds.

AN 1978:15765 CAPLUS

DN 88:15765

TI Antiinflammatory activity of some new pyridine carboxylic acid derivatives

AU Klebanov, B. M.; Ryabukha, T. K.; Portnyagina, V. A.; Danilenko, V. F.; Get'man, G. A.

CS Kiev. Nauchno-Issled. Inst. Farmakol. Toksikol., Kiev, USSR

SO Fiziologicheski Aktivnye Veshchestva (1977), 9, 17-19
CODEN: FAVUAI; ISSN: 0533-1153

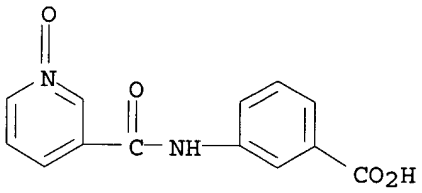
DT Journal

LA Russian

IT **62833-95-8**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(pharmacol. of)

RN 62833-95-8 CAPLUS

CN Benzoic acid, 3-[[(1-oxido-3-pyridinyl)carbonyl]amino]- (9CI) (CA INDEX NAME)



L8 ANSWER 36 OF 39 CAPLUS COPYRIGHT 2003 ACS

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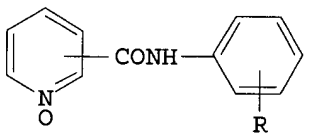


AB Amides I (R = o-, m-, or p-CO2H) with antiphlogistic activity were prepd. by treating the nicotinoyl or isonicotinoyl chloride 1-oxide with RC6H4NH2 in the presence of an HCl acceptor.

AN 1977:405812 CAPLUS

DN 87:5812

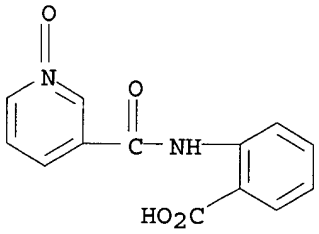
TI Preparation and antiphlogistic activity of carboxyphenylamides of nicotinic or isonicotinic acid

IN Danilenko, V. F.; Trinus, F. P.; Portnyagina, V. A.; Ryabukha, T. K.;

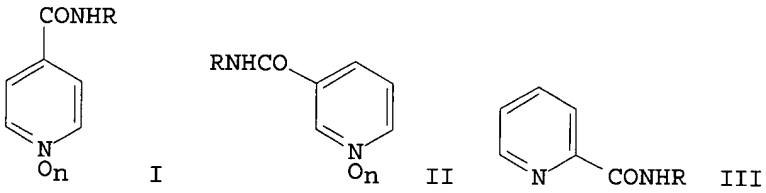
Klebanov, B. M.
PA Kiev Scientific-Research Institute of Pharmacology and Toxicology, USSR
SO U.S.S.R.
From: Otkrytiya, Izobret., Prom. Obraztsy, Tovarnye Znaki 1976, 53(47), 76.
CODEN: URXXAF
DT Patent
LA Russian
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| SU 539878 | T | 19761225 | SU 1975-2150345 | 19750604 |

PRAI SU 1975-2150345 19750604
IT **62833-93-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 62833-93-6 CAPLUS
CN Benzoic acid, 2-[[(1-oxido-3-pyridinyl)carbonyl]amino]- (9CI) (CA INDEX NAME)



L8 ANSWER 37 OF 39 CAPLUS COPYRIGHT 2003 ACS
GI



AB Ad = 1-adamantyl in this abstr. Pyridinecarboxamides I (n = 0, 1; R = Ad, p-AdC6H4, AdCHMe, AdCH2, AdCH2CH2), II (n = 0, 1), and III were prepd. in 29.8-73.0% yield by reaction of RNH2 with the resp. pyridinecarbonyl chlorides. The toxicities of I, II, and III were 150-1500 mg/kg; I (n = 1) and II (n = 1) were more toxic than I (n = 0) and II (n = 0). The most active analgesics were I, II, and III, where R = p-AdC6H4. The analgesic activity increases in going from the isonicotinic to picolinic acids. I (n = 1) and II (n = 1) had lower analgesic activity than I (n = 0) and II (n = 0). III (R = AdCH2CH2) had the max. antipyretic activity.
AN 1977:89560 CAPLUS
DN 86:89560
TI Synthesis and biological activity of adamantane derivatives. VI. Antiinflammatory action of adamantylamides of pyridinecarboxylic acids